

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): An apparatus used in a mobile communication system with a plurality of wireless base stations, comprising:

an acquiring unit configured to acquire identification information of ~~said the plurality~~ of wireless base stations;

a location detecting unit configured to detect a present location of the apparatus ~~upon~~ on acquiring ~~at least one of~~ identification information of ~~said the plurality of~~ wireless base stations;

a storing unit configured to store service location information in which ~~to associate~~ the ~~acquired~~ identification information acquired by the acquiring unit is associated with the ~~detected~~ present location of ~~said the~~ apparatus detected by the location detecting unit; and

a location information providing unit configured to ~~figure~~ calculate a location of ~~said the plurality of~~ wireless base stations using the detected present location of ~~said the~~ apparatus stored in ~~said the~~ storing unit, to provide the calculated ~~figured~~ location of ~~said the plurality of~~ wireless base stations, and to ~~share~~ send the service location information calculated in the apparatus itself through an ad hoc network with another apparatus that is ~~served by the~~ plurality of wireless base stations.

Claim 2 (Currently Amended): The apparatus according to claim 1, wherein ~~said the~~ location information providing unit having map information, configured to add information of ~~said the~~ calculated ~~figured~~ location of ~~said the plurality of~~ wireless base stations to the map information.

Claim 3 (Currently Amended): The apparatus according to claim 2, wherein ~~said the~~ location information providing unit configured to display the map information indicating ~~said the calculated figured~~ location of ~~said the plurality of~~ wireless base stations.

Claim 4 (Currently Amended): The apparatus according to claim 1, wherein ~~said the~~ mobile communication system is a wireless local area network system being compliant with a standard of IEEE 802.11.

Claim 5 (Currently Amended): The apparatus according to claim 1, further comprising a communication unit configured to communicate with ~~said the plurality of~~ wireless base stations, ~~said the~~ communication unit being adapted to a standard of IEEE 802.11.

Claim 6 (Original): The apparatus according to claim 1, further comprising a cellular telephone unit configured to perform cellular communication with a cellular base station being a part of a cellular network.

Claim 7 (Currently Amended): The apparatus according to claim 1, wherein ~~said the~~ acquiring unit configured to acquire identification information of ~~said the plurality of~~ wireless base stations which is included in a signal transmitted from ~~said the plurality of~~ wireless base stations.

Claim 8 (Currently Amended): The apparatus according to claim 4, wherein ~~said the~~ acquiring device configured to acquire identification information of ~~said the plurality of~~

wireless base stations which is included in a signal transmitted from ~~said~~the cellular base station.

Claims 9-11 (Canceled).

Claim 12 (New): An apparatus used in a mobile communication system with a plurality of wireless base stations, comprising:

an acquiring unit configured to acquire identification information of the plurality of wireless base stations;

a location detecting unit configured to detect a present location of the apparatus on acquiring at least one of identification information of the plurality of wireless base stations;

a storing unit configured to store service location information in which the identification information acquired by the acquiring unit is associated with the present location of the apparatus detected by the location detecting unit; and

a location information providing unit configured to send the service location information calculated in the apparatus itself through an ad hoc network to share with another apparatus that is also used in the mobile communication system with the plurality of wireless base stations.

Claim 13 (New): A method used in a mobile communication system with a plurality of wireless base stations, comprising:

acquiring identification information of the plurality of wireless base stations;

detecting a present location of the apparatus on acquiring identification information of the plurality of wireless base stations;

storing service location information in which the acquired identification information is associated with the detected present location;

locally calculating a location of the plurality of wireless base stations using the detected present location;

providing the calculated location of the plurality of wireless base stations; and

sending the locally calculated service location information through an ad hoc network to another apparatus.

Claim 14 (New): The method according to claim 13, further comprising:

adding information of the calculated location of the wireless base stations to map information.

Claim 15 (New): The method according to claim 14, further comprising:

displaying the map information indicating the calculated location of the wireless base stations.